

What is claimed is:

1. A horn antenna system, comprising:

5 a first horn antenna means having a first horn antenna and a first ground unit made of metal, for radiating a signal;

a second horn antenna means having a second horn antenna and a second ground unit made of metal, for reflecting the signal to allow said first horn antenna means to radiate the signal; and

10 a feeding means located between said first horn antenna means and said second horn antenna means, for feeding the energy to said first horn antenna means and said second horn antenna means, wherein said feeding means is a stripe line.

15 2. The horn antenna system as recited in claim 1, further comprising means for electrically coupling said first horn antenna means and said second horn antenna means.

20 3. The horn antenna system as recited in claim 1, wherein a ground plane of said feeding means is a metal plane of the first ground unit or the second ground unit.

25 4. A horn antenna system having a first horn antenna means having a first horn antenna and a first ground unit made of metal, for radiating a signal; and a second horn antenna means having a second horn antenna and a second ground unit made of metal, for reflecting the signal to allow said first

horn antenna means to radiate the signal, comprising:

feeding means located between the first antenna means and the second antenna means, for feeding the first antenna means and the second antenna means,

5 wherein a ground plane of the feeding means is the first ground unit or second ground unit.